

Common name	Botanical name of plant source
Thyme, wild or creeping .....	Thymus serpyllum L.
Triticum (see dog grass) .....	
Tuberose .....	Polianthes tuberosa L.
Turmeric .....	Curcuma longa L.
Vanilla .....	Vanilla planifolia Andr. or Vanilla tahitensis J. W. Moore.
Violet flowers .....	Viola odorata L.
Violet leaves .....	Do.
Violet leaves absolute .....	Do.
Wild cherry bark .....	Prunus serotina Ehrh.
Ylang-ylang .....	Cananga odorata Hook. f. and Thoms.
Zedoary bark .....	Curcuma zedoaria Rosc.

[42 FR 14640, Mar. 15, 1977, as amended at 44 FR 3963, Jan. 19, 1979; 47 FR 29953, July 9, 1982; 48 FR 51613, Nov. 10, 1983; 50 FR 21043 and 21044, May 22, 1985]

**§ 182.40 Natural extractives (solvent-free) used in conjunction with spices, seasonings, and flavorings.**

Natural extractives (solvent-free) used in conjunction with spices,

seasonings, and flavorings that are generally recognized as safe for their intended use, within the meaning of section 409 of the Act, are as follows:

Common name	Botanical name of plant source
Apricot kernel (persic oil) .....	Prunus armeniaca L.
Peach kernel (persic oil) .....	Prunus persica Sieb. et Zucc.
Peanut stearine .....	Arachis hypogaea L.
Persic oil (see apricot kernel and peach kernel) .....	
Quince seed .....	Cydonia oblonga Miller.

[42 FR 14640, Mar. 15, 1977, as amended at 47 FR 47375, Oct. 26, 1982]

**§ 182.50 Certain other spices, seasonings, essential oils, oleoresins, and natural extracts.**

Certain other spices, seasonings, essential oils, oleoresins, and natural ex-

tracts that are generally recognized as safe for their intended use, within the meaning of section 409 of the Act, are as follows:

Common name	Derivation
Ambergris .....	Physeter macrocephalus L.
Castoreum .....	Castor fiber L. and C. canadensis Kuhl.
Civet (zibeth, zibet, zibetum) .....	Civet cats, Viverra civetta Schreber and Viverra zibetha Schreber.
Cognac oil, white and green .....	Ethyl oenanthate, so-called.
Musk (Tonquin musk) .....	Musk deer, Moschus moschiferus L.

**§ 182.60 Synthetic flavoring substances and adjuvants.**

Synthetic flavoring substances and adjuvants that are generally recognized as safe for their intended use, within the meaning of section 409 of the Act, are as follows:

Acetaldehyde (ethanal).  
Acetoin (acetyl methylcarbinol).  
Anethole (parapropenyl anisole).  
Benzaldehyde (benzoic aldehyde).  
N-Butyric acid (butanoic acid).  
d- or l-Carvone (carvol).  
Cinnamaldehyde (cinnamic aldehyde).

Citral (2,6-dimethyloctadien-2,6-*al*-8, geranial, neral).  
Decanal (N-decylaldehyde, capraldehyde, capric aldehyde, caprinaldehyde, aldehyde C-10).  
Ethyl acetate.  
Ethyl butyrate.  
3-Methyl-3-phenyl glycidic acid ethyl ester (ethyl-methyl-phenyl-glycidate, so-called strawberry aldehyde, C-16 aldehyde).  
Ethyl vanillin.  
Geraniol (3,7-dimethyl-2,6 and 3,6-octadien-1-*ol*).  
Geranyl acetate (geraniol acetate).  
Limonene (*d*-, *l*-, and *dl*-).  
Linalool (linalol, 3,7-dimethyl-1,6-octadien-3-*ol*).

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Linalyl acetate (bergamol).  
Methyl anthranilate (methyl-2-aminobenzoate).  
Piperonal (3,4-methylenedioxy-benzaldehyde, heliotropin).  
Vanillin.

[42 FR 14640, Mar. 15, 1977, as amended at 43 FR 47724, Oct. 17, 1978; 44 FR 3963, Jan. 19, 1979; 44 FR 20656, Apr. 6, 1979; 48 FR 51907, Nov. 15, 1983; 54 FR 7402, Feb. 21, 1989]

### § 182.70 Substances migrating from cotton and cotton fabrics used in dry food packaging.

Substances migrating to food from cotton and cotton fabrics used in dry food packaging that are generally recognized as safe for their intended use, within the meaning of section 409 of the Act, are as follows:

Beef tallow.  
Carboxymethylcellulose.  
Coconut oil, refined.  
Cornstarch.  
Gelatin.  
Lard.  
Lard oil.  
Oleic acid.  
Peanut oil.  
Potato starch.  
Sodium acetate.  
Sodium chloride.  
Sodium silicate.  
Sodium tripolyphosphate.  
Soybean oil (hydrogenated).  
Talc.  
Tallow (hydrogenated).  
Tallow flakes.  
Tapioca starch.  
Tetrasodium pyrophosphate.  
Wheat starch.  
Zinc chloride.

[42 FR 14640, Mar. 15, 1977, as amended at 43 FR 11698, Mar. 21, 1978; 44 FR 28323, May 15, 1979; 45 FR 6085, Jan. 25, 1980; 47 FR 27807, 27814, June 25, 1982; 48 FR 51150, Nov. 7, 1983; 48 FR 51616, Nov. 10, 1983; 48 FR 51909, Nov. 15, 1983; 48 FR 52441, 52443, 52445, 52446, Nov. 18, 1983; 51 FR 16830, May 7, 1986; 51 FR 27171, July 30, 1986; 60 FR 62208, Dec. 5, 1995]

### § 182.90 Substances migrating to food from paper and paperboard products.

Substances migrating to food from paper and paperboard products used in food packaging that are generally recognized as safe for their intended use, within the meaning of section 409 of the Act, are as follows:

Alum (double sulfate of aluminum and ammonium potassium, or sodium).

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Aluminum hydroxide.  
Aluminum oleate.  
Aluminum palmitate.  
Casein.  
Cellulose acetate.  
Cornstarch.  
Diatomaceous earth filler.  
Ethyl cellulose.  
Ethyl vanillin.  
Glycerin.  
Oleic acid.  
Potassium sorbate.  
Silicon dioxides.  
Sodium aluminate.  
Sodium chloride.  
Sodium hexametaphosphate.  
Sodium hydrosulfite.  
Sodium phosphoaluminate.  
Sodium silicate.  
Sodium sorbate.  
Sodium tripolyphosphate.  
Sorbitol.  
Soy protein, isolated.  
Starch, acid modified.  
Starch, pregelatinized.  
Starch, unmodified.  
Talc.  
Vanillin.  
Zinc hydrosulfite.  
Zinc sulfate.

[42 FR 14640, Mar. 15, 1977]

EDITORIAL NOTE: For additional FEDERAL REGISTER citations affecting § 182.90, see the List of CFR Sections Affected in the Finding Aids section of this volume.

### § 182.99 Adjuvants for pesticide chemicals.

Adjuvants, identified and used in accordance with 40 CFR 180.1001 (c) and (d), which are added to pesticide use dilutions by a grower or applicator prior to application to the raw agricultural commodity, are exempt from the requirement of tolerances under section 409 of the Act.

## Subpart B—Multiple Purpose GRAS Food Substances

### § 182.1045 Glutamic acid.

- (a) *Product.* Glutamic acid.
- (b) [Reserved]
- (c) *Limitations, restrictions, or explanation.* This substance is generally recognized as safe when used as a salt substitute in accordance with good manufacturing practice.